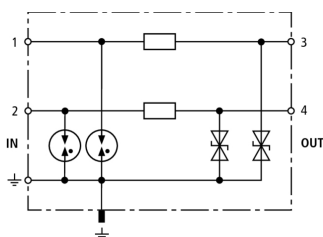


DCO RK ME 48 (919 922)

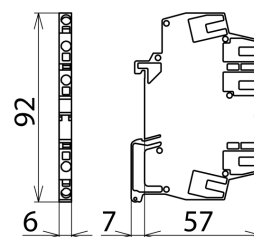
- Standard protection with terminal blocks
- Low series resistance
- For installation in conformity with the lightning protection zones concept at the boundaries from O_b-2 and higher



Figure without obligation



Basic circuit diagram DCO RK ME 48



Dimension drawing DCO RK ME 48

Energy coordinated two-stage arrester for protecting two single lines with common reference potential as well as unbalanced interfaces.

Type	DCO RK ME 48
Part No.	919 922
SPD class	TYPE 2/PI
Nominal voltage (U_n)	48 V
Max. continuous operating d.c. voltage (U_c)	55 V
Max. continuous operating a.c. voltage (U_c)	38.5 V
Nominal current (I_n)	0.5 A
C2 Total nominal discharge current (8/20 μ s) (I_n)	10 kA
C2 Nominal discharge current (8/20 μ s) per line (I_n)	5 kA
Voltage protection level line-line for I_n C2 (U_p)	≤ 175 V
Voltage protection level line-PG for I_n C2 (U_p)	≤ 100 V
Voltage protection level line-line at 1 kV/ μ s C3 (U_p)	≤ 160 V
Voltage protection level line-PG at 1 kV/ μ s C3 (U_p)	≤ 80 V
Series resistance per line	1.8 ohms
Cut-off frequency line-PG (f_c)	10 MHz
Capacitance line-line (C)	≤ 0.3 nF
Capacitance line-PG (C)	≤ 0.6 nF
Operating temperature range	-40°C...+80°C
Degree of protection	IP 00, with cover IP 20
For mounting on	35 mm DIN rails acc. to EN 60715
Connection (input/output)	spring / spring
Cross-sectional area, solid	0.08 - 2.5 mm ²
Cross-sectional area, flexible	0.08 - 2.5 mm ²
Earthing via	DIN rail / terminal
Enclosure material	polyamide PA 6.6
Colour	yellow
Test standards	IEC 61643-21 / EN 61643-21
SIL classification	SIL2 / SIL3 *)
Approvals	GOST
Weight	37 g
Customs tariff number	85363010
GTIN	4013364087804
PU	1 pc(s)

*) For more detailed information, please visit www.dehn.de/en/sil/

We reserve the right to introduce changes in performance, configuration and technology, dimensions, weights and materials in the course of technical progress. The figures are shown without obligation.